

signal cable 60 towards the around cable 61, which in figure 6 is illustrated by the power lines 64, proceeds in the dielectric material of the support element. Likewise, also in this embodiment the attenuation of an inverted microstrip cable according to the invention is low in comparison with a corresponding prior art transmission cable.--

IN THE CLAIMS:

Please cancel Claims 7 without prejudice.

Please replace the following claim as rewritten below:

1. (Twice Amended) A transmission cable constructed by multilayer technique, located in a cavity comprising a first surface and a second surface which is essentially parallel with the first surface, said transmission cable comprising:

a signal cable, which is essentially parallel to the first cavity surface, and

a ground cable, which is placed on said second surface, essentially in parallel with the signal cable,

and wherein said transmission cable also comprises a support element which has a surface that is essentially parallel with said first and second surfaces and is located between said first and second surfaces, so that said signal cable is provided with an electroconductive material layer disposed on the surface of the support element.